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Similarity Search in Time Series Data Sets (1997) ([Make Corrections](#)) ([4 citations](#))
Betty Bin Xia

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Abstract: Similarity search on time-series data sets is of growing importance in data mining. With the increasing amount of data of time-series in many applications, from financial to scientific, it is important to study the methods of retrieving similarity patterns efficiently and user friendly for business decision making. The thesis proposes methods of efficient retrieval of all objects in the time-series database with a shape similar to a search template. The search template can be either a shape or... ([Update](#))

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...we work on are relatively simple and smooth. **A method using wavelet transform technique to generalize an input signal is being studied in [40], which may provide us with an efficient tool to handle this problem.** Another issue of concern is the accuracy relaxation aspect missing...

.... of associations [8, 7] constraint pushing in association mining [10, 27] mining periodicity and similarity in time series data [11, 30], multi level classification and prediction [23, 6] spatial data cube construction [21] spatial association rule mining [24] OLAP...

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B. Xia. Similarity Search in Time Series Data Sets. In Master thesis, Simon Fraser University, 1997.
<http://citeseer.ist.psu.edu/xia97similarity.html> [More](#)

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